

further be appreciated, the handoff request indicates that a VoIP to VoIP handoff is being requested. Assuming the BSC 32 can provide VoIP services for the identified mobile station, the BSC 32 allocates radio resources, formats information for transmission to the MSC 34, transmits this information to the MSC 34, and establishes a signaling relationship with the PDSN 16. The BSC 32 then formulates an Enhanced Channel Assignment Message (ECAM), which indicates a communication channel assigned to the mobile station 10 for communication of VoIP traffic with the BSC 32. The BSC 32 sends the ECAM to the ANC 14 in a relay message.

[0041] The ANC 14 sends the ECAM to the mobile station 10 in a relay response message. During this operation, the DO network 12 continues to handle VoIP communication with the mobile station 10.

[0042] In response to the signaling relationship established by the BSC 32, the PDSN 16 begins bi-casting the VoIP traffic destined for the mobile station to both the HRPD ANC 14 and the BSC 32. This may be accomplished according to any well-known technique or

according to that described in U.S. Application No. ^{10/824,762} ~~Unknown~~, entitled

METHOD FOR REDUCING SERVICE INTERRUPTIONS DURING A HANDOFF IN A WIRELESS NETWORK, filed April 14, 2004 by inventors of the subject application; the entire contents of which are

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[0036] The ANC 14 sends the ECAM to the mobile station 10 in a relay response message. During this operation, the DO network 12 continues to handle VoIP communication with the mobile station 10.

[0037] In response to the signaling relationship established by the BSC 32, the PDSN 16 begins bi-casting the VoIP traffic destined for the mobile station to both the ANC 14 and the BSC 32. This may be accomplished according to any well-known technique or according to

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that described in U.S. Application No. ~~Unknown~~, entitled METHOD FOR REDUCING SERVICE INTERRUPTIONS DURING A HANDOFF IN A WIRELESS NETWORK, filed April 14, 2004 by inventors of the subject application; the entire contents of which are hereby incorporated by reference. Also in response to the information received from the BSC 32, the MSC 34 registers the mobile station in a home location register (not shown) of the DV network 30 if not previously registered.

[0038] After receiving the ECAM from the DO network 12, the mobile station 10 releases the call communication with the DO network 10. The mobile station 10 tunes to the DV network 30 and acquires the traffic channel assigned in the ECAM using known DV network procedures. Signaling according to the DV network procedures then takes place between the BSC 32 and the mobile

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